

SPHERILEX® DP-0115: New matting agent for powder coatings gives excellent matting while improving the hardness and flexibility of your final coating

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- Highly efficient and predictable matting effect
- Improves hardness and flexibility
- Uniform and consistent appearance

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Evonik introduces a new product for matting powder coatings using the SPHERILEX® technology.

Germany, Essen. SPHERILEX® DP-0115 is a patented precipitated silica for matting of powder coatings in the portfolio of its Coating Additives business line. This unique grade of precipitated silica has found success as a matting agent for obtaining efficient, uniform, consistent and predictable matting in powder coatings. It will also improve the hardness and flexibility of the final powder coating. The matting effect is not dependent on cure temperature and will work across chemistries and formulations. The main applications are for super-durable polyesters and clear acrylics for use in general industrial, automotive and architectural powder coatings.

The SPHERILEX® DP-0115 has been developed in a patented process to minimize porosity and maximize sphericity of the particle allowing for increased loading in powder coatings without adversely affecting melt flow during cure. It will achieve consistent and uniform high surface quality aspects.

It incorporates easily into the raw material pre-mix and disperses evenly through the extruder showing up uniformly distributed in the final powder. Due to its low oil-absorption and particle shape, it can improve the overall hardness of the final coating without sacrificing its flexibility. Finally, it can be post-added to reduce the gloss level of a high gloss powder coating.

SPHERILEX® DP-0115 belongs to Evonik's product line of SPHERILEX® precipitated silica.

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You can find regulatory, technical, and safety data sheets at www.coating-additives.com.



Company information

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €13.1 billion and an operating profit (adjusted EBITDA) of €2.15 billion in 2019. Evonik goes far beyond chemistry to create innovative, profitable and sustainable solutions for customers. More than 32,000 employees work together for a common purpose: We want to improve life today and tomorrow.

About Specialty Additives

The Specialty Additives division combines the businesses of versatile additives and high-performance crosslinkers. They make end products more valuable, more durable, save more energy and simply better. As formulation experts in fast growing markets such as coatings, mobility, infrastructure and consumer goods, Specialty Additives combines small input with a big effect. Specialty Additives is part of Evonik Operations GmbH. With its 3,700 employees the division generated sales of around €3.4 billion in 2019.

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